

Lx500 Series Laboratory Compound Microscope with Tilting Head

LX 500
BINOCULAR
(TILTING HEAD)



9144000

Optical System: MAXlite™ coated Antifungal Infinity corrected optical system

Stand: Single mold sturdy stand with anti-rust materials. Extended base for better stability

Viewing Body: Siedentopf Binocular, 0° - 25° inclinable, IPD 47-75 mm with height adjustment

Eyepieces: Wide Field eyepieces WF 10x/22mm paired with focusable eyeguards, antifungal MAXlight™ coatings

Nosepiece: Quintuple Reverse angle nosepiece (ball-bearing type), with click stops and rubber grip

Objectives: RP2 series DIN Infinity Corrected Plan Achromatic, MAXlite™ coatings

4x/NA 0.10/WD 30.0mm

10x/NA 0.25/WD 7.0mm

40x/(spring loaded)/NA 0.65/WD 0.65mm

100x/(spring loaded, oil)/NA 1.25/WD 0.23mm

Mechanical Stage: RACKLESS X axis Ceramic coated double plate mechanical stage, size 200 x 140mm, X/Y travel range 76mm x 50mm. All brass gears.

Condenser: Flip top sub-stage center-able Abbe condenser NA 1.25 with aspheric lens and iris diaphragm. Rack and pinion movements on stainless steel guides. Day light blue filter, dia 32.0mm, Koehler mounted.

Focusing: Feather touch self compensating tension adjustment co-axial coarse and fine focusing for ultra smooth movement. Weighted fine focus.

Illumination: Koehler Illumination system 6V-30W Halogen with variable illumination control. Up to 500 hours of Halogen bulb life.

Electrical: Universal power supply (110V-240V, 50/60 Hz) UL, CE approved.

Packed in styrofoam box, with operation manual, allen wrench, Nylon dust cover, soft cleaning cloth, power cord, spare fuse and 10ml immersion oil TYPE A.

9144800

Same as P/N 9144000 but LED Illumination with built-in rechargeable battery for cordless operation. LED lamp life is up to 100,000 hours, one LED installed. 10ml immersion oil TYPE A included.

9144100

Same as P/N 9144000 but with Phase 10x,20x,40x (spring), 100x (spring, oil) objectives and Zernike phase kit



ISO 9001 : 2008
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